

Converting Colors

XYZ(36.0213, 42.8666, 57.2975)

Have a look what the booklet for
XYZ(36.0213, 42.8666, 57.2975)
contains.

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Color

**XYZ(36.0840, 42.9218,
57.4219)**

Conversions

Conversions Part 1

Format	Color
Hex	82B8C2
RGB	130, 184, 194
RGB Percent	51%, 72%, 76%
CMY	0.4902, 0.2784, 0.2392
CMYK	0.33, 0.05, 0.00, 0.24
HSL	189°, 34%, 64%
HSV	189°, 33%, 76%
XYZ	36.0840, 42.9218, 57.4219
YIQ	168.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

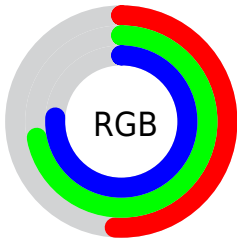
Format	Color
RYB	130, 159, 194
Decimal	8566978
CIELab	71.50, -15.12, -10.72
CIElCh	72, 18.534, 215.340
Yxy	42.9218, 0.2645, 0.3146
Android (android.graphics.Color)	4286757058 (0xFF82B8C2)
YUV	168.9940, 12.3280, -34.1977
Hunter-Lab	65.5147, -16.3371, -6.1058

Details

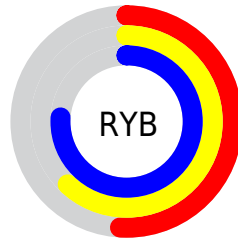
The XYZ color **36.0840, 42.9218, 57.4219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6561, 31.8377, 25.3861**, and the grayscale version is **37.6636, 39.6251, 43.1517**.

A 20% lighter version of the original color is **68.4230, 79.5366, 102.1883**, and **15.9105, 19.7038, 27.7756** is the 20% darker color. If you saturate the color by 10%, you get **32.7617, 40.2855, 57.0889**, and if you desaturate by 10%, it is **39.9834, 45.8777, 57.7877**.

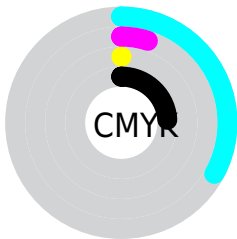
Distribution



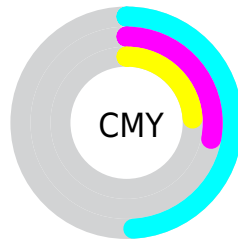
- Red (51%)
- Green (72%)
- Blue (76%)



- Red (51%)
- Yellow (62%)
- Blue (76%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0840, 42.9218, 57.4219 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 36.0840, 42.9218, 57.4219 by changing the saturation by 10% instead.

■ 36.0840, 42.9218,
57.4219

■ 36.0840, 42.9218,
57.4219

320.7524,
358.2901, 432.5663

■ 24.6695, 29.8238,
40.9324

■ 68.4847, 79.5928,
102.5870

■ 15.9584, 19.7049,
27.9470

■ 90.2016, 103.9346,
132.0997

■ 9.5854, 12.1807,
18.0470

■ 116.0834,
132.7931, 166.7905

■ 5.1851, 6.8669,
10.8140

146.4954,
166.5527, 207.0781

■ 2.3921, 3.3790,
5.8293

181.8029,
205.5978, 253.3809

■ 0.8412, 1.3326,
2.6744

222.3713,

■ 0.0000, 0.1663,

250.3128, 306.1176

0.9305

268.5660,
301.0821, 365.7065

■ 0.0000, 0.0000,
0.0000

■ 36.0840, 42.9218,
57.4219

■ 36.0840, 42.9218,
57.4219

■ 32.7617, 40.2855,
57.0889

■ 39.9834, 45.8777,
57.7877

■ 29.9810, 37.9472,
56.7841

■ 44.4852, 49.1633,
58.1846

■ 27.7082, 35.8906,
56.5069

■ 49.6180, 52.7945,
58.6149

■ 25.9045, 34.0954,
56.2555

■ 55.4072, 56.7844,
59.0799

■ 24.5250, 32.5385,
56.0277

■ 61.8770, 61.1457,
59.5808

■ 23.5160, 31.1919,
55.8209

■ 69.0502, 65.8902,
60.1185

■ 22.9585, 30.3366,
55.6852

■ 72.8614, 68.9224,
60.5029

■ 73.5945, 70.3885,
60.7472

■ 74.3417, 71.8829,
60.9963

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.0961, 42.9218, 48.3558



36.0840, 42.9218, 57.4219



38.3377, 42.9218, 64.2001

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.0840, 42.9218, 57.4219



46.5092, 42.9218, 54.2957



40.2388, 42.9218, 31.5975

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.0840, 42.9218, 57.4219



35.6561, 31.8377, 25.3861

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.3570, 42.9218, 32.7641



36.0840, 42.9218, 57.4219



47.0816, 42.9218, 45.1500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.0840, 42.9218, 57.4219



44.3744, 42.9218, 62.2397



45.9011, 42.9218, 37.4630



37.4151, 42.9218, 34.0454

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.0840, 42.9218, 57.4219



40.3092, 42.9218, 66.0892



45.9011, 42.9218, 37.4630



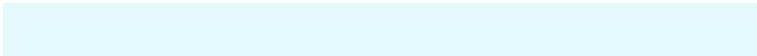
41.2865, 42.9218, 31.5838

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.0853, 42.9235, 57.4229



83.1086, 90.8676, 105.6287



33.2028, 45.2120, 31.6344



17.9185, 19.6983, 23.1077



0.0000, 0.0000, 0.0000



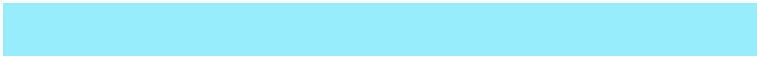
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0853, 42.9235, 57.4229



60.6821, 74.0613, 103.5668



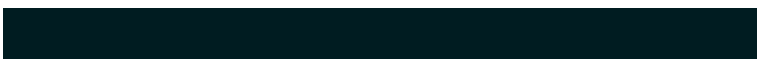
30.2378, 31.2285, 55.4737



10.2302, 11.1517, 12.8981



15.1435, 20.0435, 36.6272



0.6912, 0.9398, 1.5949

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.8836, 30.8964, 49.2634



66.6890, 49.1598, 85.8456



40.9548, 42.4350, 27.1523



10.4275, 10.2196, 12.3417



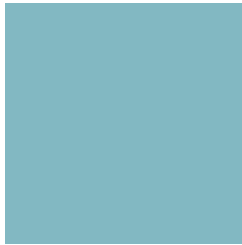
19.0397, 9.3056, 23.9189



0.8413, 0.4095, 1.1315

Previews

White Background



This preview shows how the XYZ color 36.0840, 42.9218, 57.4219 looks on a white background.

Color Contrast Check

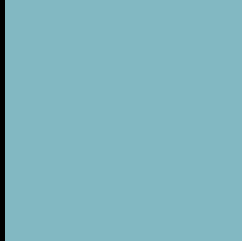
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 36.0840, 42.9218, 57.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

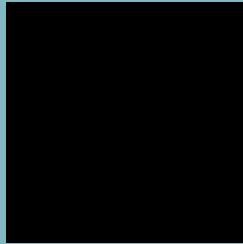
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0840, 42.9218, 57.4219

Background



This preview shows how black text looks on a background with the XYZ color 36.0840, 42.9218, 57.4219.



This preview shows how white text looks on a background with the XYZ color 36.0840, 42.9218,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.0840, 42.9218, 57.4219

Protanopia

41.3688, 42.4737, 53.0316

Deuteranopia

43.5088, 42.6044, 58.7536



Tritanopia

36.4866, 42.7695, 59.7584

Trichromacy



Original Color

36.0840, 42.9218, 57.4219

Protanomaly

39.1170, 42.4311, 54.8435

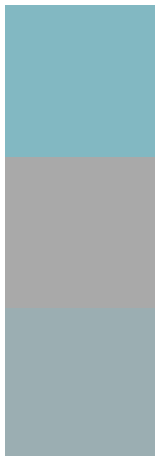
Deuteranomaly

40.1941, 42.3268, 58.2760

Tritanomaly

36.3716, 42.7235, 59.1528

Monochromacy



Original Color

36.0840, 42.9218, 57.4219

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.6895, 40.4550, 47.9943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0840, 42.9218, 57.4219 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(130, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(130, 184, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 184, 194) }
```

Border

The CSS property to change the border of an element to XYZ 36.0840, 42.9218, 57.4219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 184, 194) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(130, 184, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(130, 184, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(130, 184,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0840, 42.9218, 57.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 184, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130,  
184, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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